Parallel Lines Cut by a Transversal Practice 2

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. Write all of the pairs of alternate interior angles.

2. Write all of the pairs of alternate exterior angles.

3. Write all of the pairs of corresponding angles.

4. If < a = 165⁰, what is the measure of < e?

5. If < b = 66⁰, what is the measure of < h?

6. If < f = 54⁰, what is the measure of < e?

7. If < d = 103⁰, what is the measure of < a?

8. If < g = 77⁰, what is the measure of < b?

Teacher Twins©2014

Parallel Lines Cut by a Transversal Practice 2 Answer Key

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. Write all of the pairs of alternate interior angles.

 <c & < f and <d & <e

2. Write all of the pairs of alternate exterior angles.

<b & < g and <a & <h

3. Write all of the pairs of corresponding angles.

<a & <e, <b & <f, <c & <g, and <d & <h

4. If < a = 165⁰, what is the measure of < e?

165⁰

5. If < b = 66⁰, what is the measure of < h?

114⁰

6. If < f = 54⁰, what is the measure of < e?

126⁰

7. If < d = 103⁰, what is the measure of < a?

103⁰

8. If < g = 77⁰, what is the measure of < b?

77⁰

Teacher Twins©2014